

Figure 1: Frame structure for uplink DPDCH/DPCCH

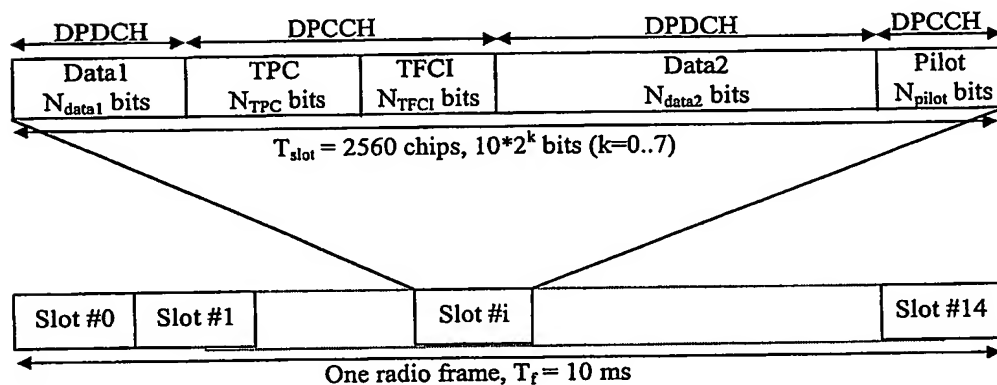


Figure 2: Frame structure for downlink DPCH

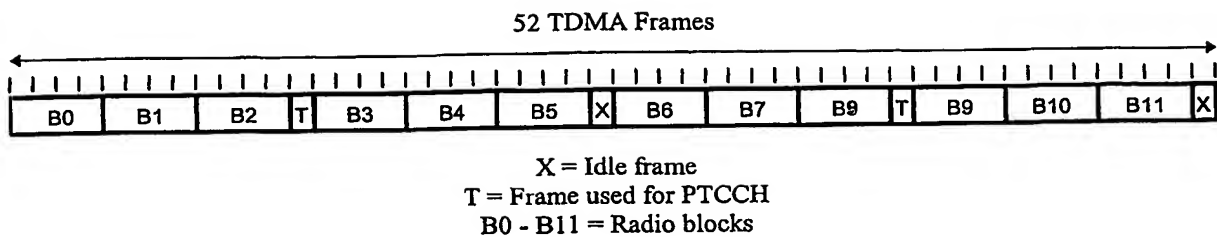


Figure 3: Multiframe structure for PDCH

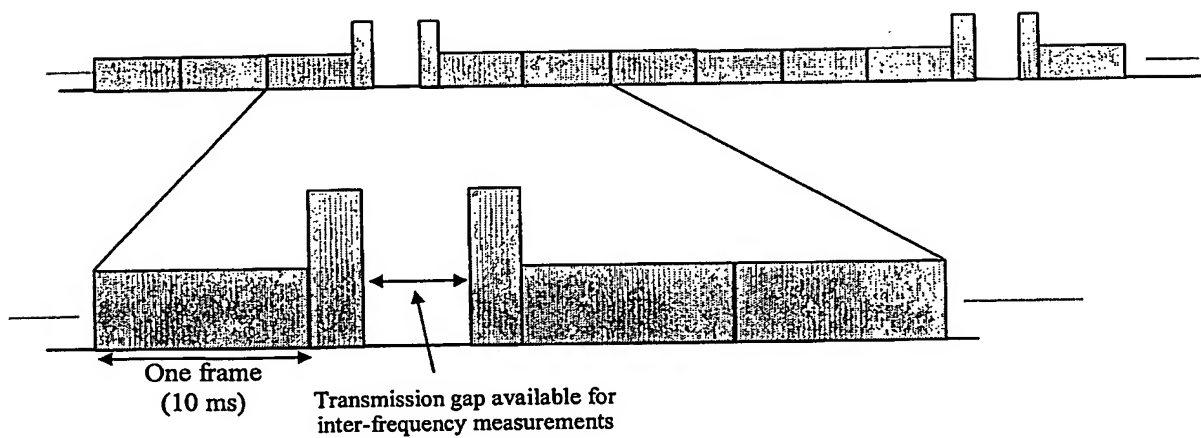


Figure 4: Compressed mode transmission

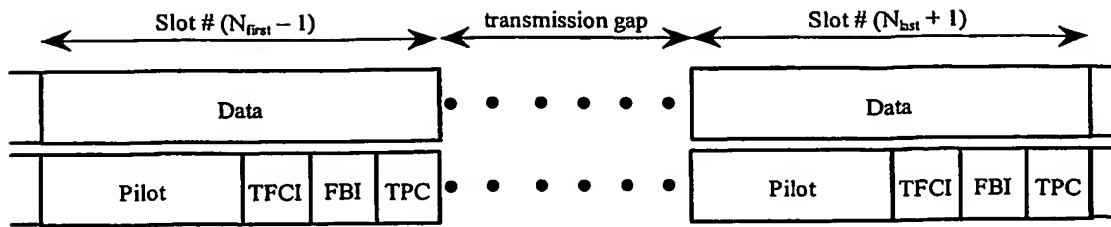
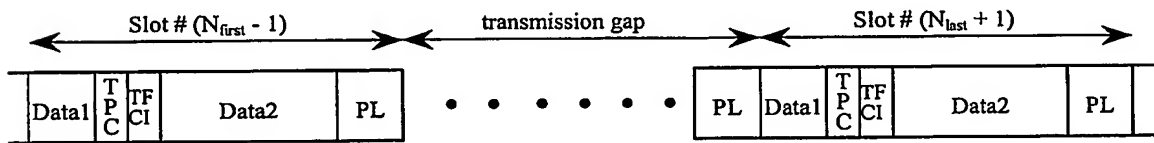
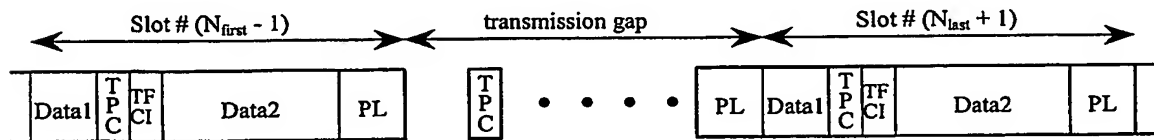


Figure 5: Frame structure in uplink compressed transmission

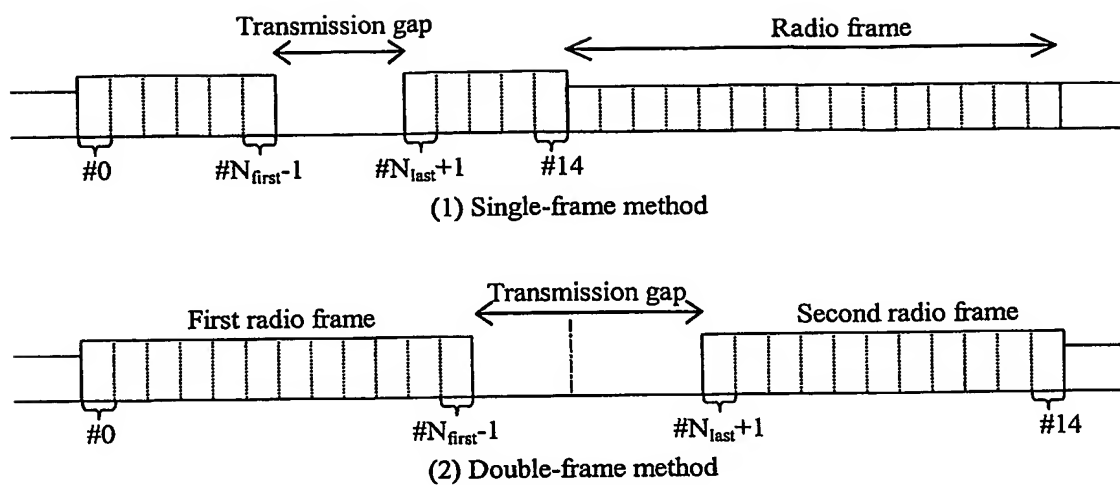


(a) Frame structure type A



(b) Frame structure type B

Figure 6: Frame structure types in downlink compressed transmission

**Figure 7: Transmission gap positioning**

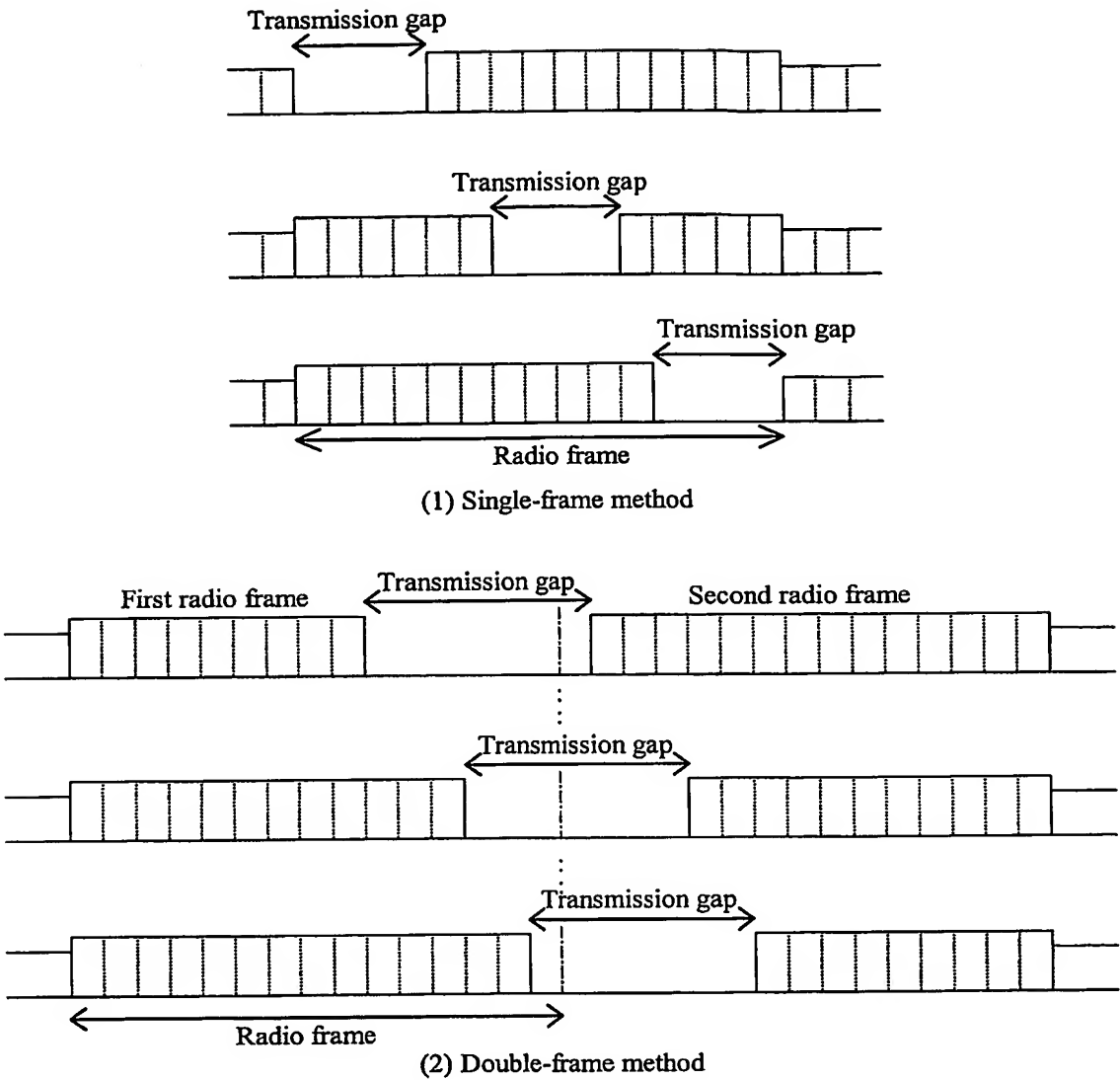


Figure 8: Transmission gap positions

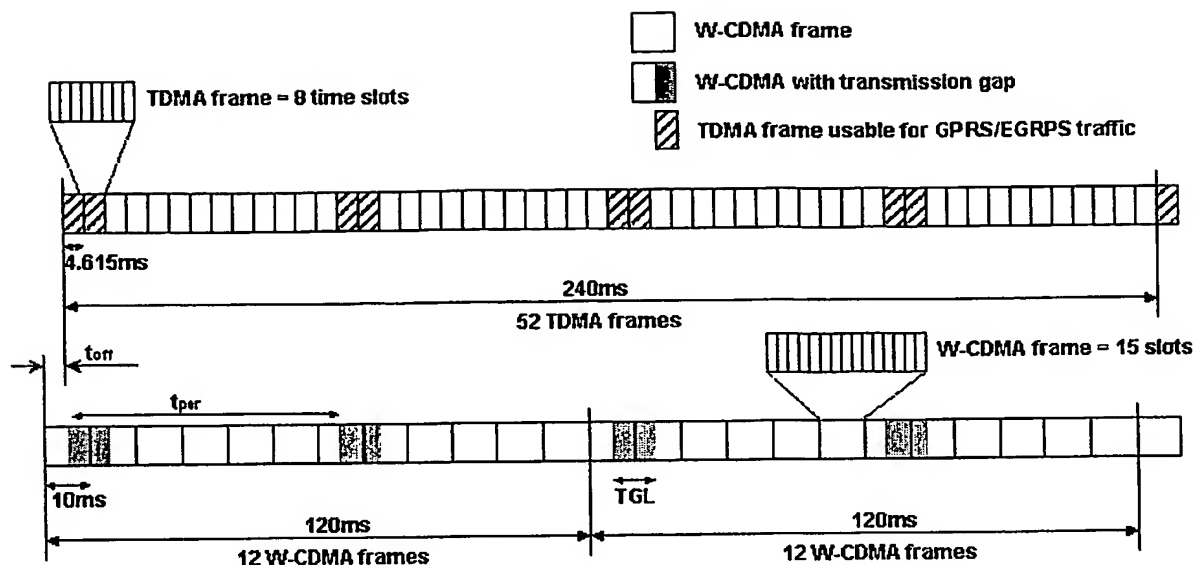


Figure 9: Mapping of TDMA and W-CDMA frames

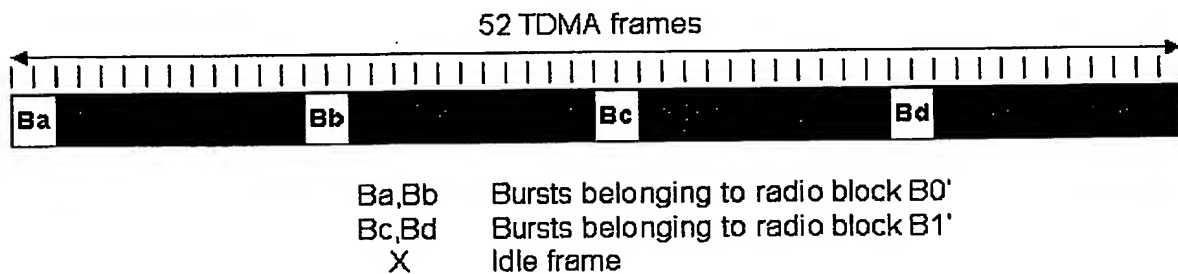


Figure 10: Modified TDMA frame structure

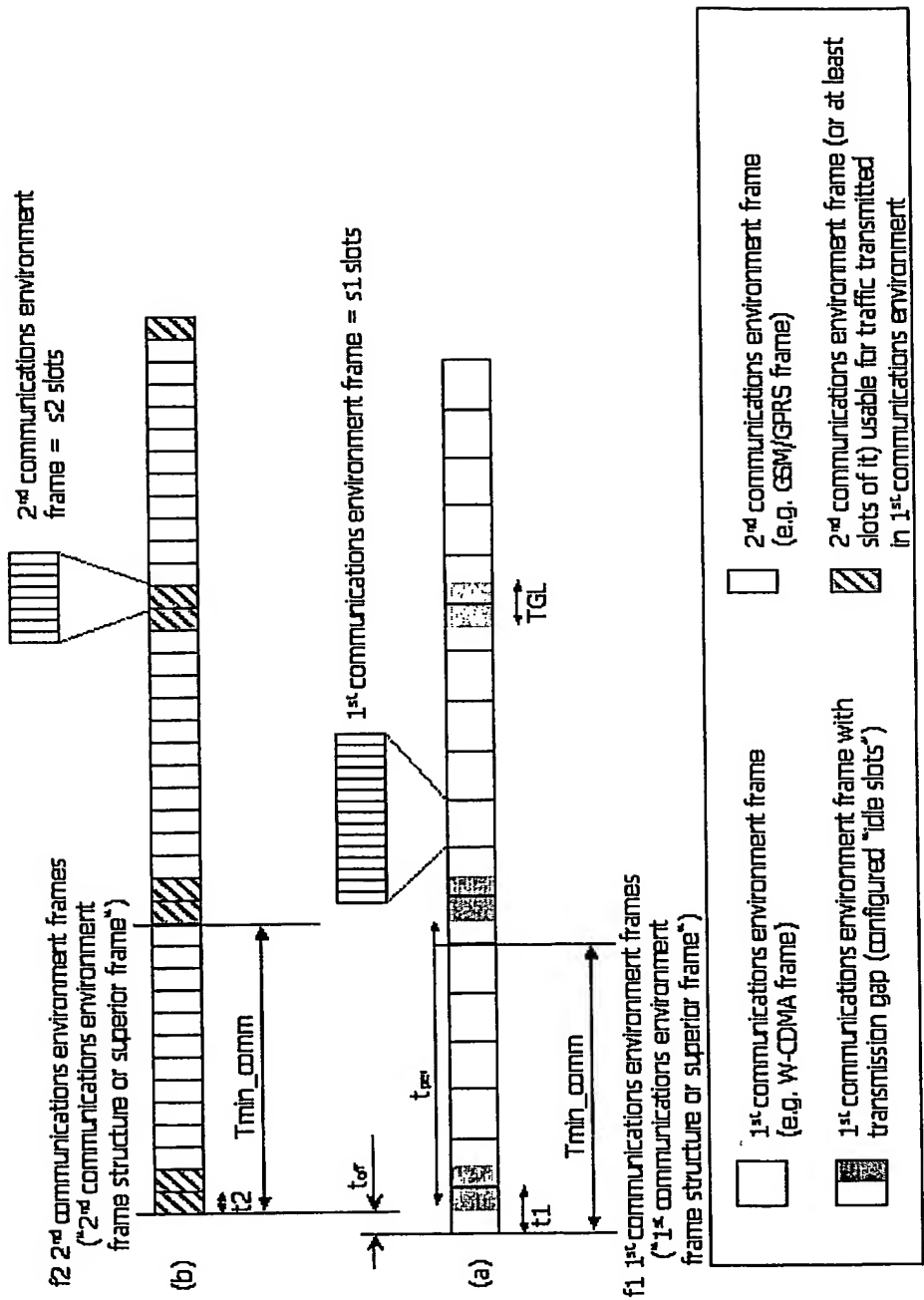


Figure 11: Mapping of a first frame structure to a second frame structure

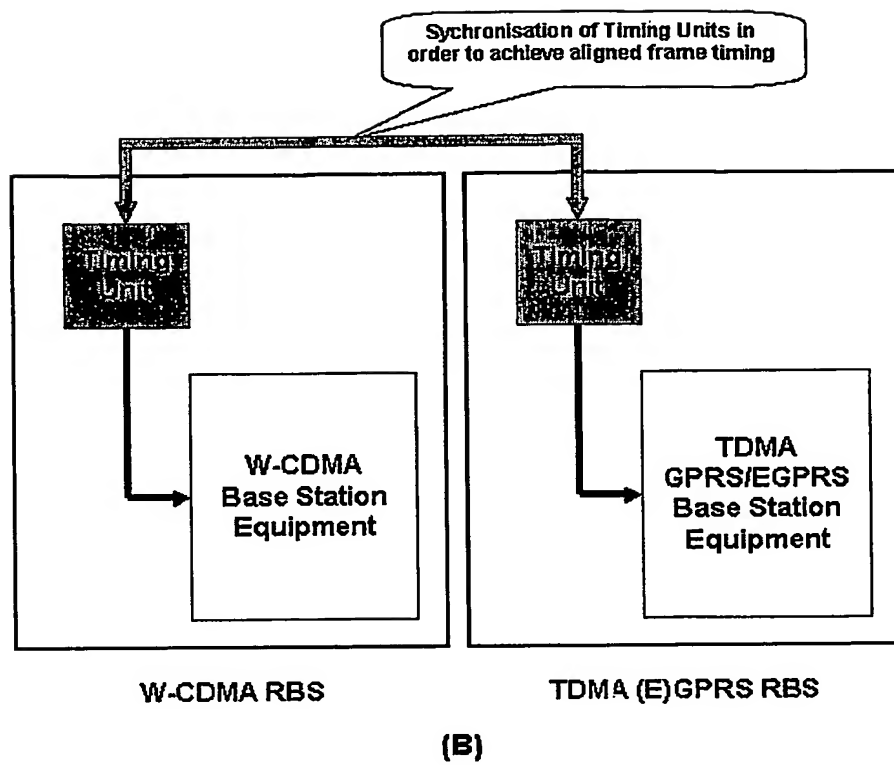
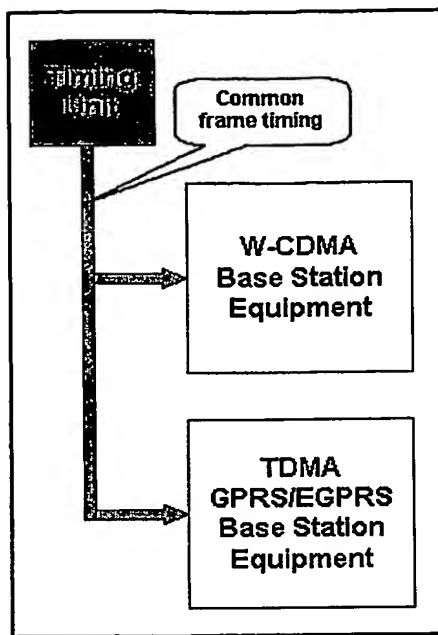


Figure 12: TDMA and W-CDMA single-mode radio base stations



Dual-Mode RBS

(A)

Figure 13: Dual-mode radio base station

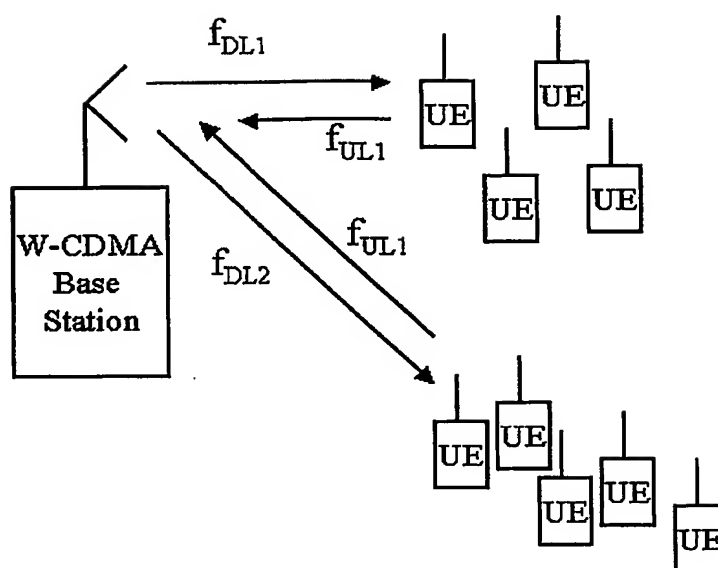


Figure 14: Variable duplex distance for a FDD TDD spectrum sharing

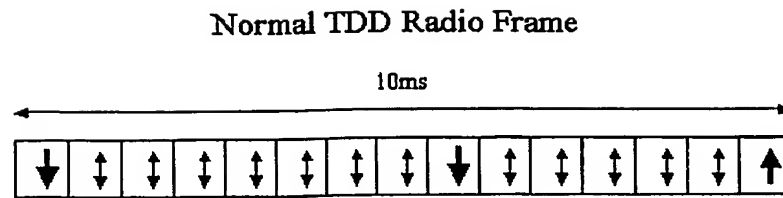


Figure 15: Conventional TDD frame structure

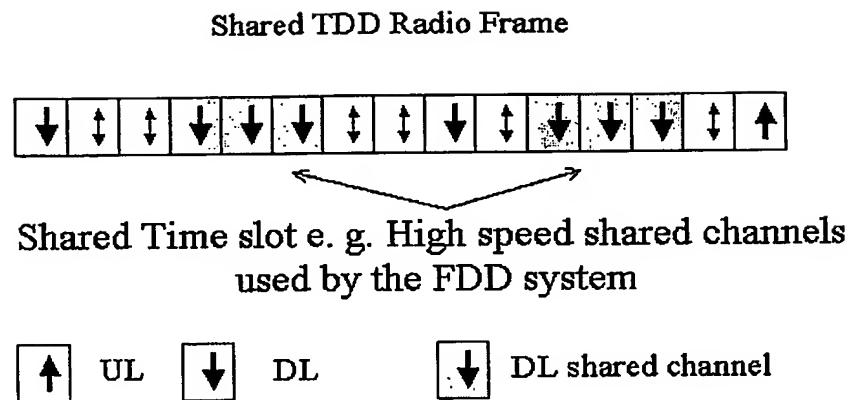


Figure 16: TDD frame structure for TDD/FDD spectrum sharing

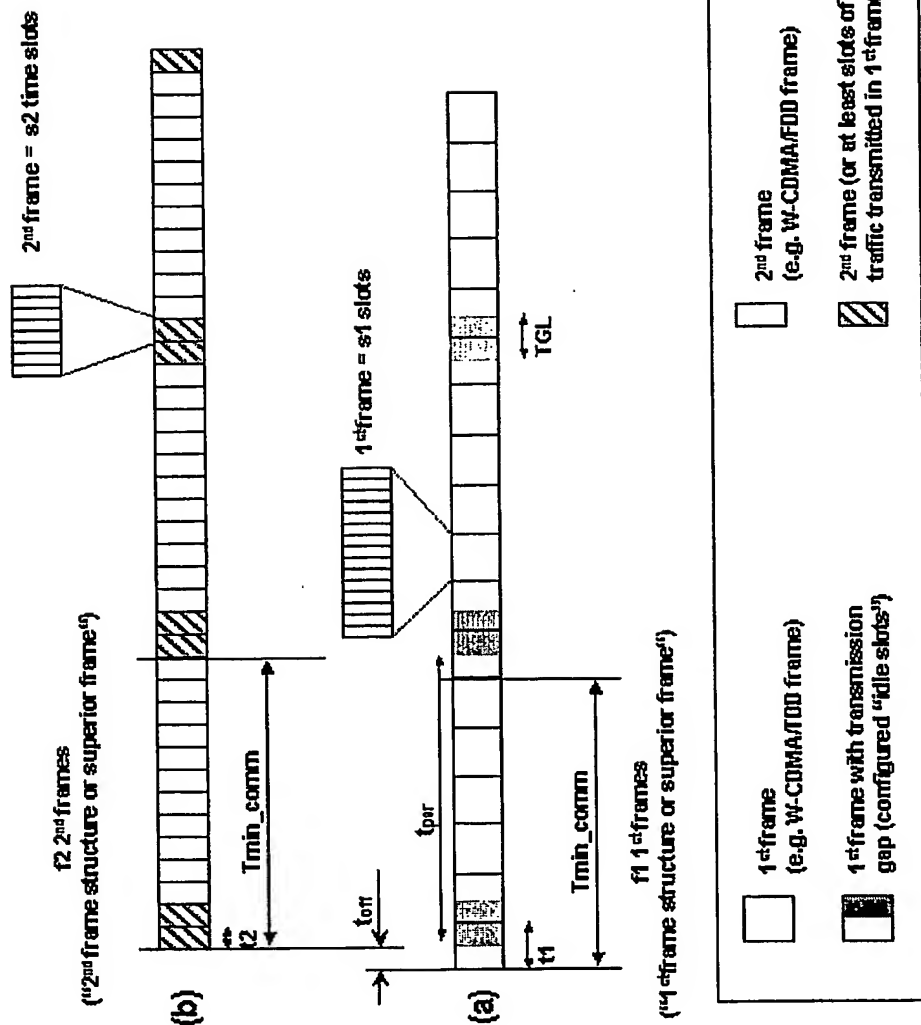


Figure 17: Mapping of a first frame structure to a second frame structure

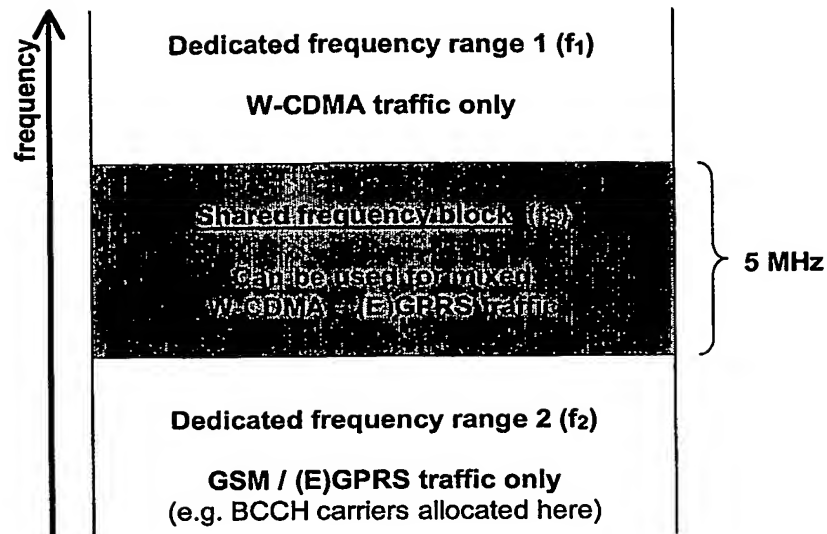
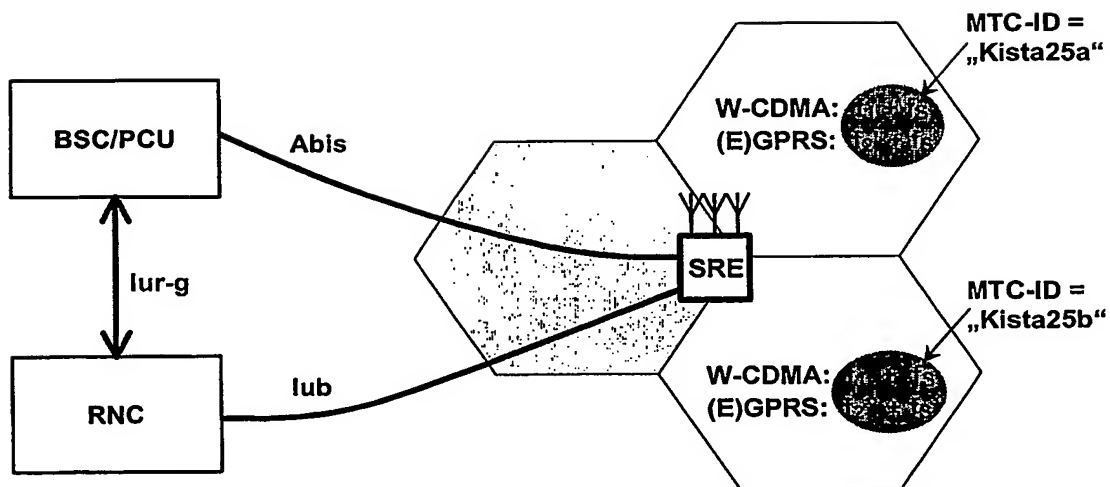


Figure 18



SRE = Synchronised RBS Equipment

where f_x' and f_x'' are suitable carrier frequencies out of frequency range f_x

Figure 19

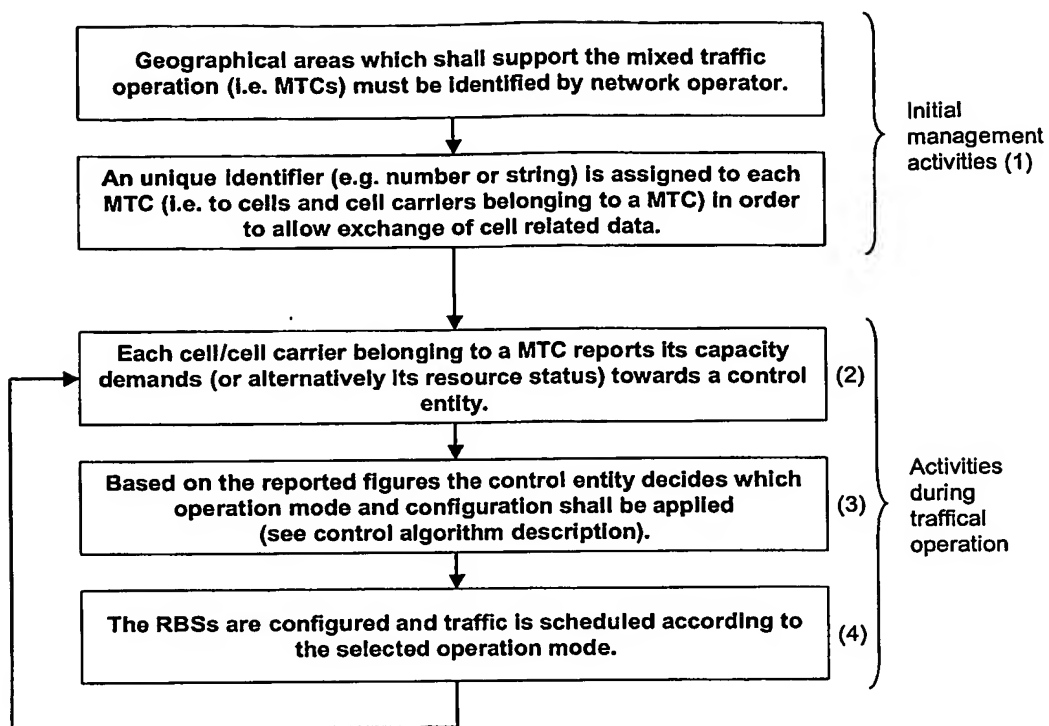
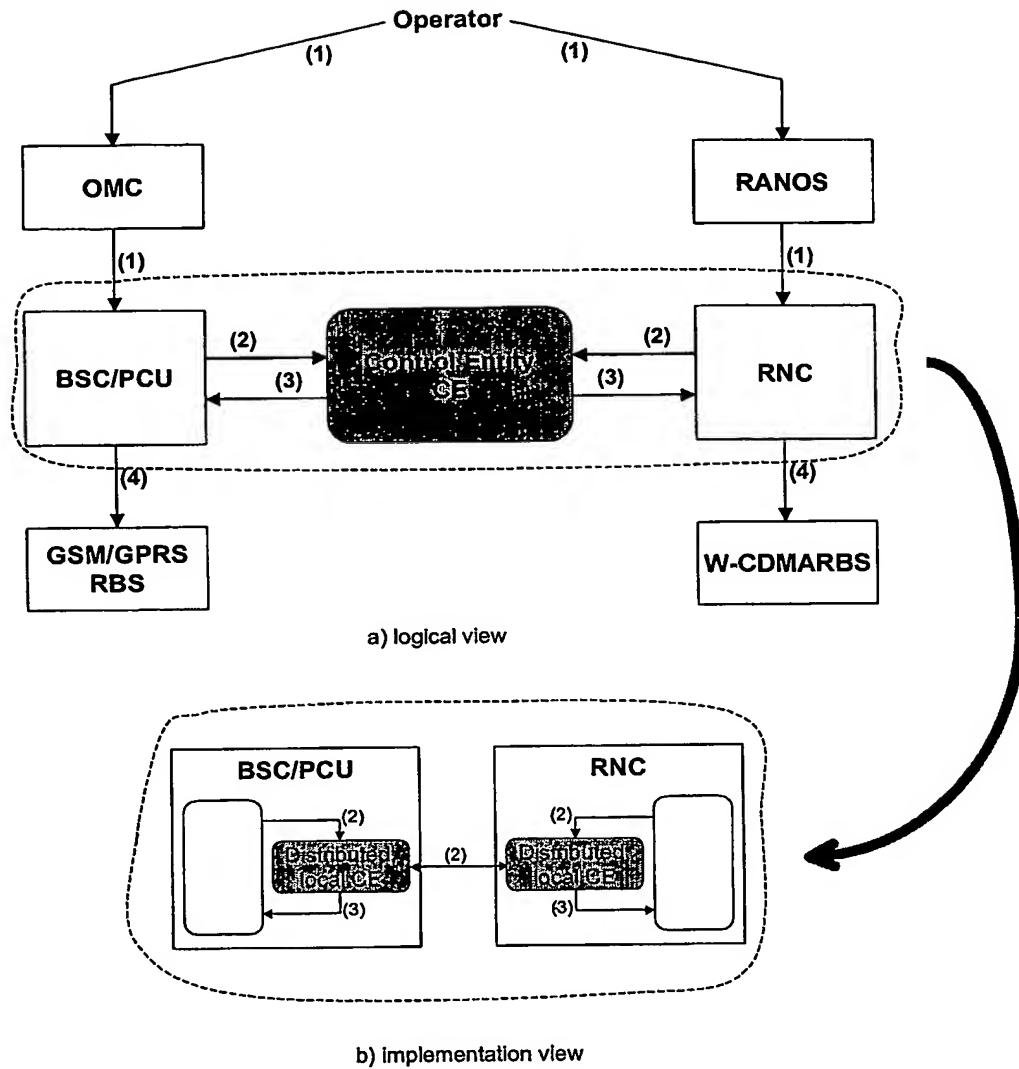


Figure 20

**Figure 21**

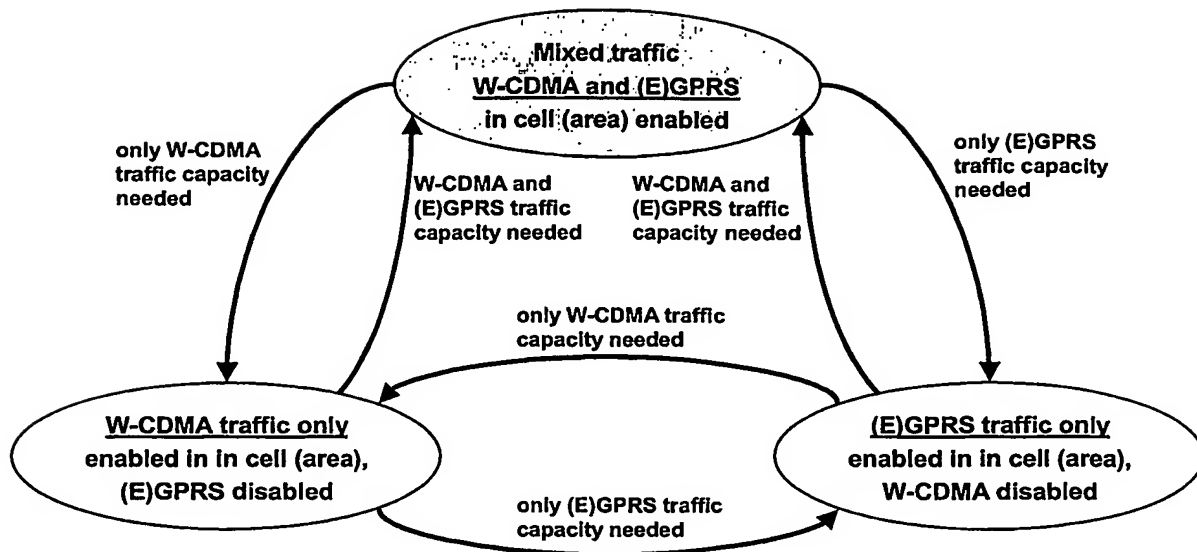


Figure 22

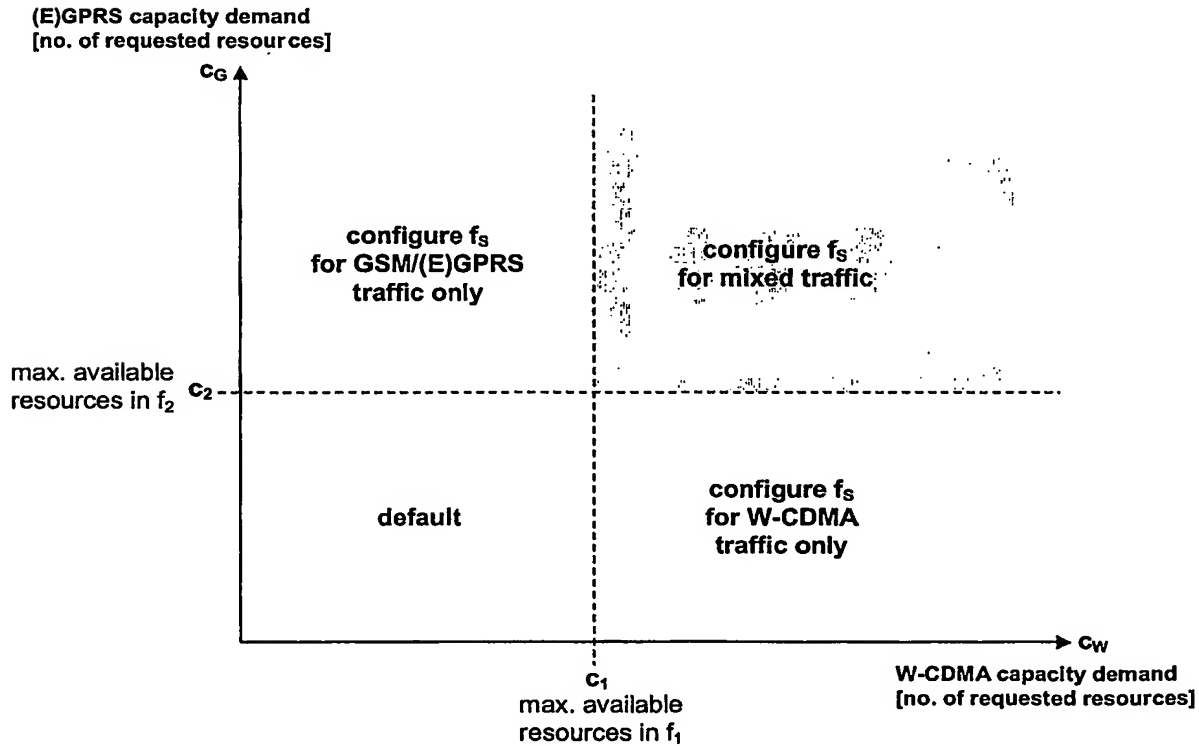
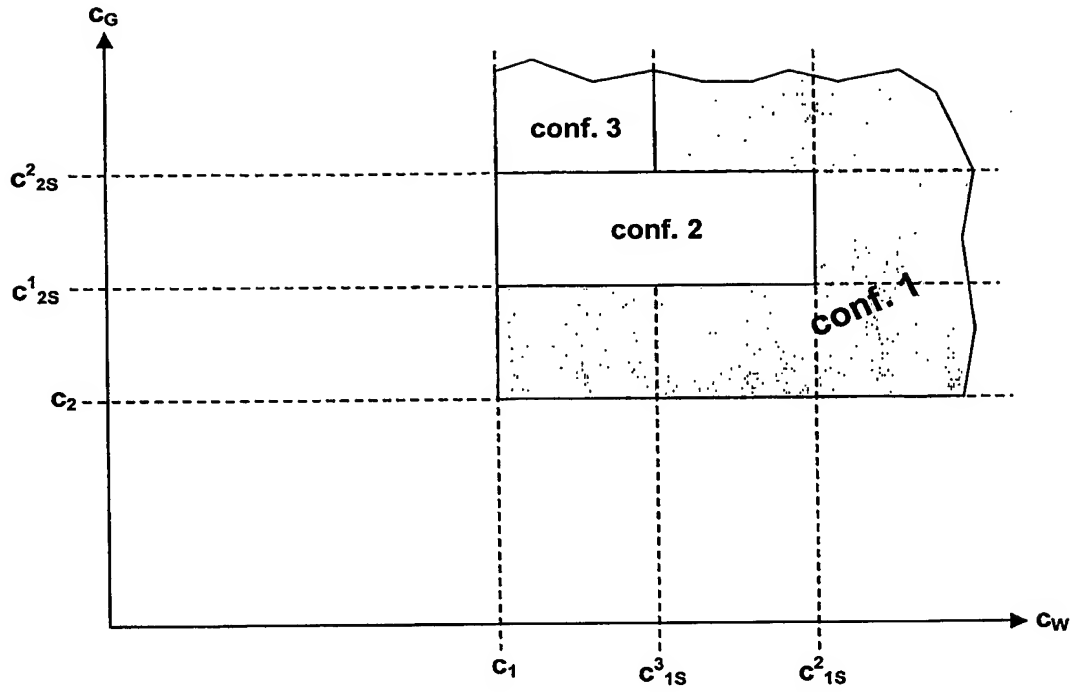


Figure 23



C_w^n : total available W-CDMA traffic capacity in f_1 and f_s , when conf. n used for f_s
 C_g^n : total available (E)GPRS traffic capacity in f_2 and f_s , when conf. n used for f_s

Figure 24

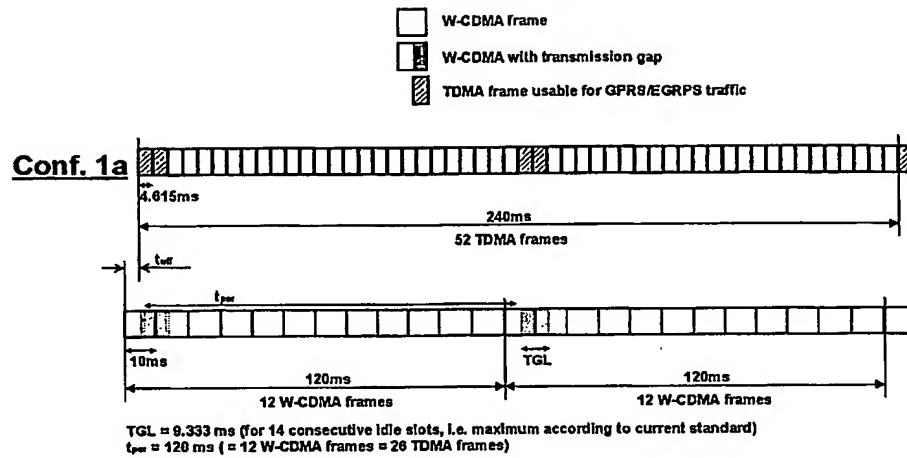


Figure 25

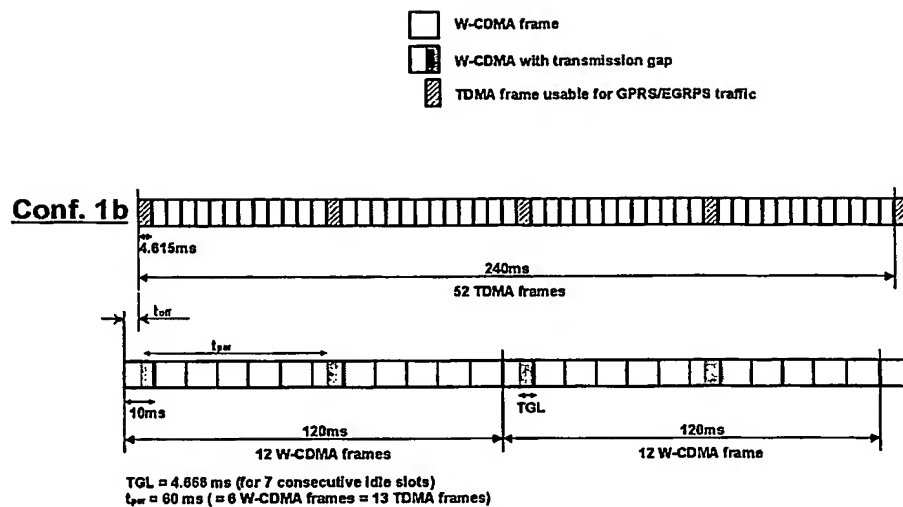


Figure 26

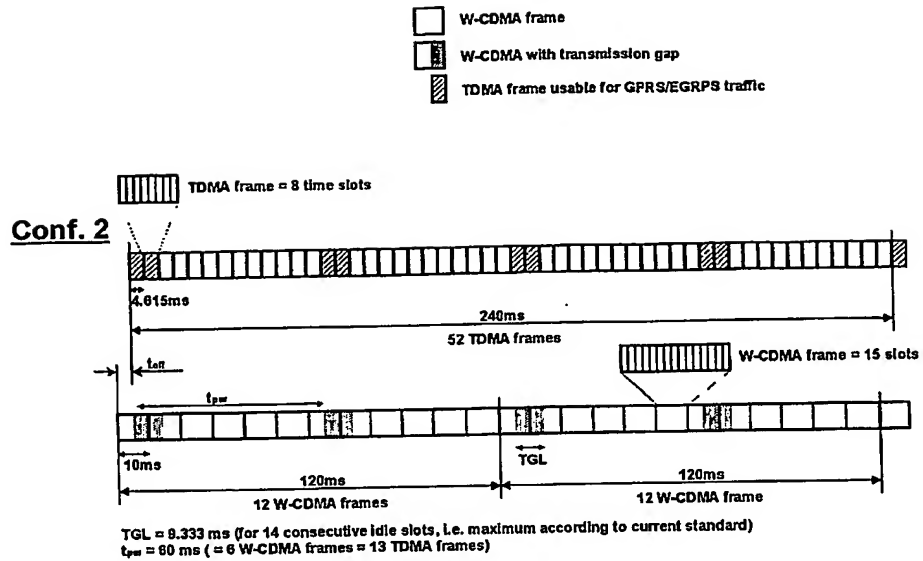


Figure 27

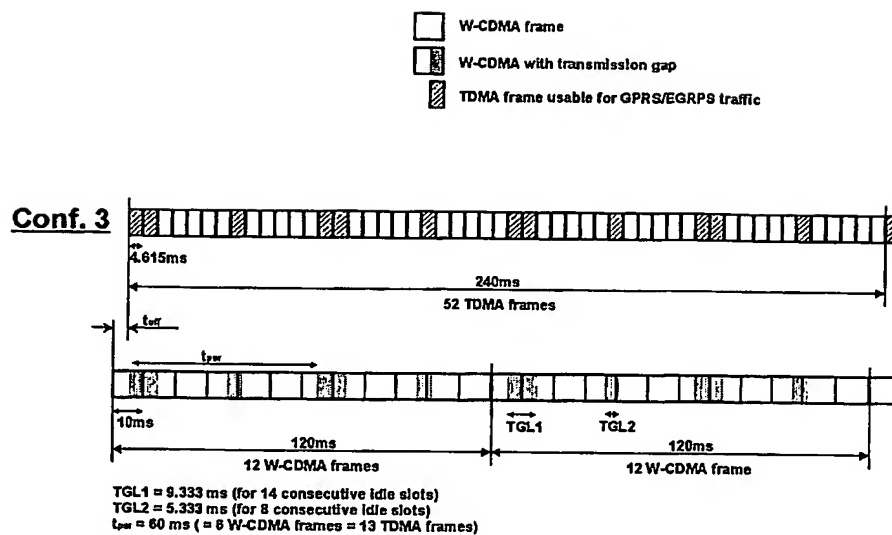


Figure 28